

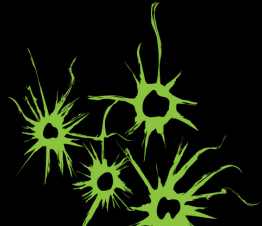
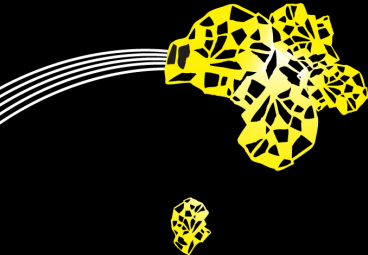
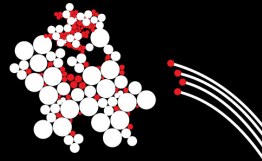
UNIVERSITY OF TWENTE.

An Introduction to the UT  
Beamer Theme

Jasper Goseling

Stochastic Operations Research Group,  
University of Twente

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# Installation

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Make sure that the following files are available to tex

- ▶ beamerthemeut.sty
- ▶ beamerthemeutresources.pdf

(One way to make them available to tex is to put them in a directory together with your tex file.)

# A Minimal Example

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```
\documentclass{beamer}
\usetheme{ut}

\title[UT Beamer]{A UT Beamer Theme}
\author[J.~Goseling]{Jasper Goseling}
\institute[UT-EWI-SOR]{Stochastic Operations Research
  Group, \\ University of Twente}
\date[12-05-2011]{May 12, 2011}
\footlinetext{[ J.~Goseling ]}

\begin{document}

\maketitle

\begin{frame}\frametitle{Title}
Content.
\end{frame}

\end{document}
```

Compile with xelatex or pdflatex. If compiled with xelatex (recommended) the Arial Narrow truetype/opentype font needs to be available.

# Style Options

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- ▶ `uttittlepage=[true,false]`, default true: If false, use the default Beamer title page
- ▶ `titlepage=[A,B,C,D]`, default A: Select a title page layout, in particular background graphics
- ▶ `euler=[true,false]`, default true: Selects Euler as the math font
- ▶ `debug`, not enabled by default: Draws boxes on the title page to facilitate layout

Example: `\usetheme [titlepage=B,euler=false,debug] {ut}`

## \utbeamerset

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The command `\utbeamerset` can be used to set additional options in the theme. Currently only the layout of the title page can be adjusted. The command can be issued in the preamble as:

```
\utbeamerset{optiona=valuea, optionb=valueb, optionc=valuec}
```

# Layout of the Title Page

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- ▶ The title page consists of three boxes, A, B and C. Box A contains the title and subtitle. Box B contains the author names, affiliations and date. Box C contains the titlegraphic. The boxes are positioned absolutely on the page. The position and the size of the boxes can be adjusted with the `\utbeamerset` command. Box A has top left coordinate `(tpboxax, tpboxay)`, width `tpboxawd` and height `tpboxaht`. All sizes and positions are in mm.
- ▶ Overview of all options that can be used in `\utbeamerset`: `tpboxax`, `tpboxay`, `tpboxawd`, `tpboxaht`, `tpboxbx`, `tpboxby`, `tpboxbwd`, `tpboxbht`, `tpboxcx`, `tpboxcy`, `tpboxcwd`, `tpboxcht`.
- ▶ By default the boxes themselves are not visible. By using the option `debug` (`\usetheme[debug]{ut}`) the boxes are visible, facilitating the layout.

# Colors

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The following **colors** have been defined:



utgreen



utforest



utmagenta



utpurple



utyellow



utgold



utblue



utnavy



utred



utgray

# Fonts

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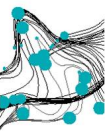
Use xelatex to get Arial fonts.



# Feedback

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Feedback is greatly appreciated.  
Jasper Goseling (j.goseling@utwente.nl)



In the remainder are some example slides

# A Normal Frame

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A list

- ▶ First item
- ▶ Second item

A Block

Content of the block.

# Testing the Math Font

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$$\alpha, \beta, \gamma, 1, 2, 3, \int_a^b f(x) dx, \sum_{i=1}^N, \mathbb{E}[X].$$